

Veterinary Accreditation Core Orientation 2014

What is Accreditation?

Accreditation is government approval of private veterinarians to perform official regulatory functions.

Authorization is granting accredited veterinarians the right to work in additional States.

Outline

- Section 1: What Is Accreditation?
- Section 2: Animal Movement
- Section 3: VS Program Diseases
- Section 4: Animal ID & Laboratory Support
- Section 5: Foreign Animal Diseases
- Section 6: Disease Scenarios

Section 1

What is Accreditation?

ACCREDITATION IS VOLUNTARY!

In Other Countries

Most countries use government veterinarians

- to examine animals
- to issue health certificates

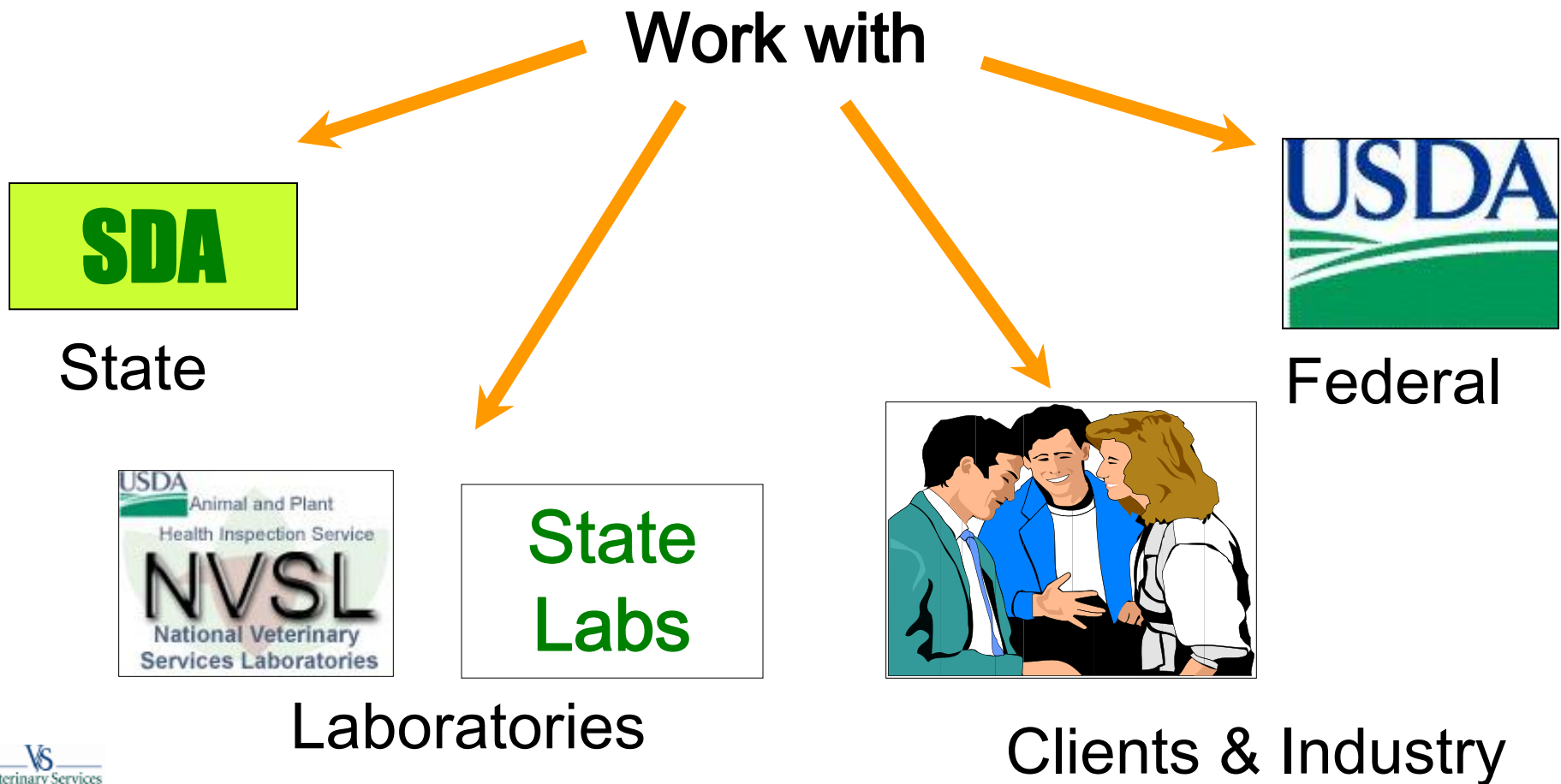


In the U.S.

APHIS relies on you to:

- Act as agents of Federal Government
- Test for program diseases
- Issue health certificates
- Perform examinations
- ID animals
- Report FADs
- Do surveillance

Accredited Veterinarians . . .



Accredited Veterinarians . . .

Participate in State-Federal
Cooperative Programs



Accredited Veterinarians . . .

Assess and document animal health through

- Physical examinations
- Diagnostic testing (e.g. TB tests)
- Diagnostic sample submission
- Documentation



Accredited Veterinarians . . .



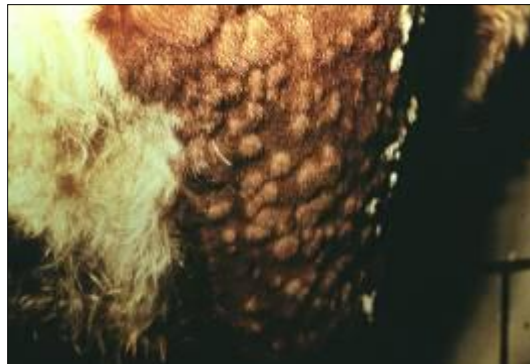
- Ensure national uniformity of regulatory programs

- Assist with interstate and international movement of animals and animal products



Accredited Veterinarians . . .

Are first line of surveillance for
program and foreign animal diseases



Accredited Veterinarians . . .

Practice sanitation measures to prevent the spread of communicable diseases



Accredited Veterinarians . . .

Complete certificates,
which are reviewed and endorsed by APHIS



Accreditation Action

You are NOT
automatically accredited
upon graduation!

Accreditation Requirements

- Initial Accreditation Training (IAT) in vet schools
- Graduate with DVM or equivalent
- Attend Core Orientation
- Submit application - VS form 1-36A
- Licensed/legally able to practice in state of accreditation
- Attend State-Specific Orientation (if required)

Authorization in Other States

To do accredited work in other States:

- Contact Area Office
- Attend State-Specific Orientation
- Be licensed/legally able to practice in State
- Receive written APHIS authorization before doing accredited work in new State

2 Tiered Accreditation Program

Category I: Limited

- e.g., dogs and cats

Category II: All Animals

- Food and fiber species
- Horses
- Birds
- Farm-raised aquatic animals
- All other livestock species
- Zoo animals

Accreditation Renewal Process

Renew every 3 years

Complete supplemental training modules

- Category I: 3 modules
- Category II: 6 modules

Sources of modules:

- Internet-based

Program Certifications

- Category II accreditation allows for certifications in the following diseases:
 - Johne's
 - Scrapie
 - Trichinae
 - Aquaculture
 - Others in future (possibly CEM)

Ethical/Professional Code

The Code of Federal Regulations (CFR)
describes:

- Requirements & application process
- Responsibilities
- Standards of conduct and practice
- Rules for suspension/revocation
- Guidelines on penalties for misconduct

Available online

Ethical/Professional Code

- Personally inspect animals and sign forms
- Issue complete and accurate forms
- Indicate and verify work of other accredited veterinarians
- Perform activities according to regulation
- Personally identify reactors

[9CFR, 161.4]

Ethical/Professional Code

- Immediately report regulated diseases
- Maintain biosecurity
- Know current regulations; ask if unsure
- Use accountable property in accordance with regulations
- Maintain security of tags, forms and certificates, electronic signatures

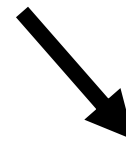
[9CFR, 161.4]

Non-Compliance / Violation

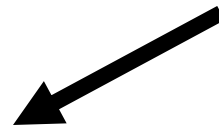
- Summary suspension
- APHIS investigates non-compliance
- Possible consequences of violation:
 - Letter
 - Penalty suspension
 - Revocation
 - Loss of license
 - Civil and/or criminal charges

Non-Compliance is Reported

Non-compliance reported.



Alleged violation is investigated.



Evidence is gathered.



Investigative report prepared by IES and sent to AVIC.

Tools AVIC Can Use

Summary suspension (immediate)

AVIC reviews IES evidence and recommends . . .

1. Closing the case (insufficient evidence)
2. Working with the AV
 - Letter of information
 - Letter of warning
 - Voluntary suspension/revocation
3. Moving to an informal conference
4. Moving to a formal complaint

Informal Conference

- Evidence sufficient
- AVIC offers to settle case
- AV signs Consent Agreement
- Case is closed by:
 1. Dismissal
 2. Letter of Information
 3. Letter of Warning
 4. Suspension
 5. Revocation

Formal Complaint

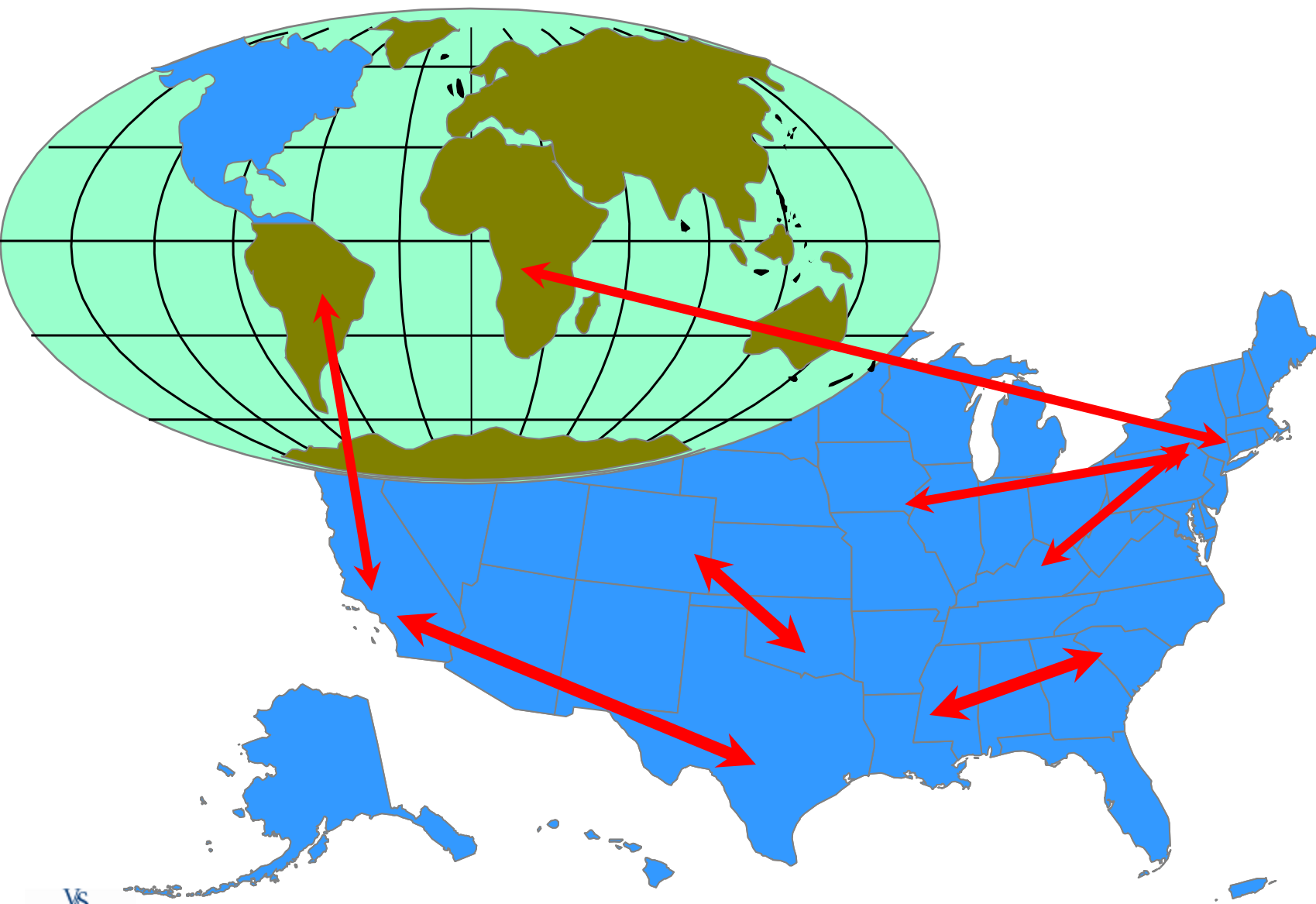
Evidence sufficient & consent not signed

Case sent to OGC, which sends it to:

1. USDA Administrative Law Judge, who:
 - Dismisses case
 - Suspends or revokes accreditation
 - Assesses civil penalties (if applicable)
2. US Attorney, who:
 - Dismisses case
 - Assesses civil & criminal penalties

Section 2

Animal Movement



Why Regulate Animal Movement

- Stop disease spread
- Move healthy animals
- Provide traces of movement
- Protect export markets
- Open new emerging markets

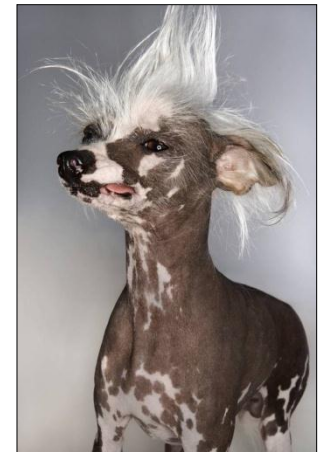


What is Your Role?

Accredited Veterinarians assist with interstate and international movement

BY:

- Advising owners
- Performing exams & administering vaccines
- Collecting samples for lab work
- Completing certificates



Interstate Movement

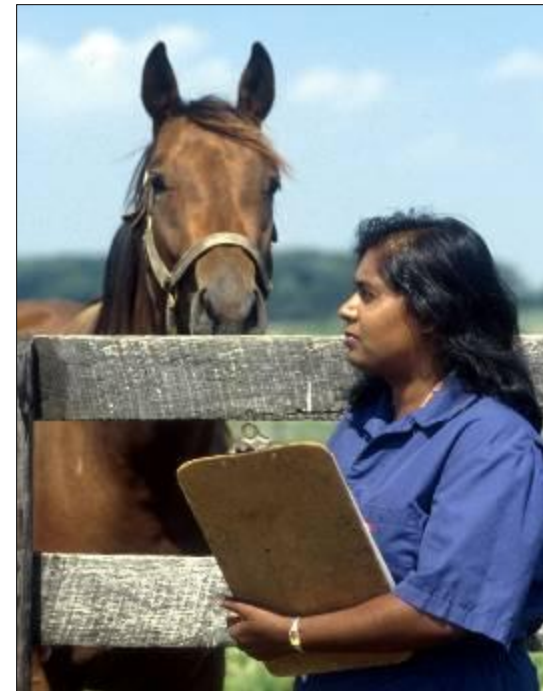
Health requirements vary by State!

Federal requirements

- Health and fitness to travel
- Identification of animals

Entry requirements

- Differ by state of destination



International Movement

- Health requirements vary by country
 - Disease protection
 - Political & economic factors
 - Trade agreements
- Check with VS Area Office



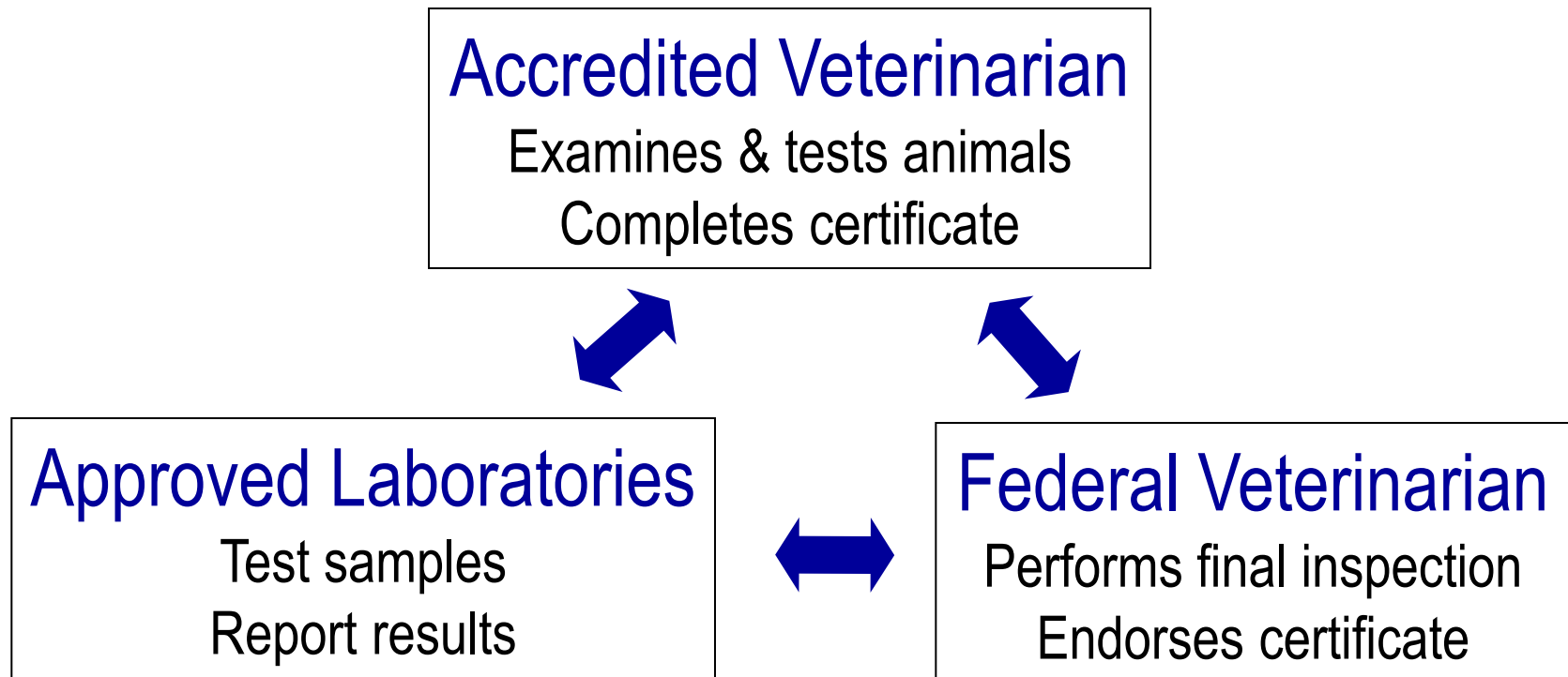
Movement Information

- Sources of movement information
 - USDA/APHIS/VS Area Office
 - Vet official in country or state of destination
 - APHIS website: www.aphis.usda.gov
 - NVAP website
 - International Regs
 - Interstate Regs
- How far ahead should my clients plan?

Pre-Export Isolation

- On-farm isolation
 - Check with VS Area Office
 - Obtain USDA approval for facility
 - Oversee facility and work done
 - Conduct testing
- In-home isolation
- USDA export isolation facility

International Certification Process



Certificates for Small Animals

- Research animals
- Pets
 - Birds
 - Dogs and Cats
- Working animals
- Differ by destination or origin
- Differ by species



Sections of a Certificate

A certificate generally requires information on:

- Consignor
- Consignee
- Official animal ID/description
- Required tests/vaccinations/treatments
- Certification statement(s)
- Signatures

Finding the right form



Filling Out the Certificate

- Use appropriate form(s)
- Fill out form completely and accurately
- Include certification statements
- Include lab results
- Personally sign document in correct color

It's a legal document!



Ensuring Certificate is Valid

Time constraints and timing:

- Generally good for 30 days
- Exceptions exist – check!
- Timing of work on animals

Recording who worked the animal:

- Work personally done
- Work by other accredited veterinarian
 - Name of vet
 - Date & location
 - Tests/vaccinations performed



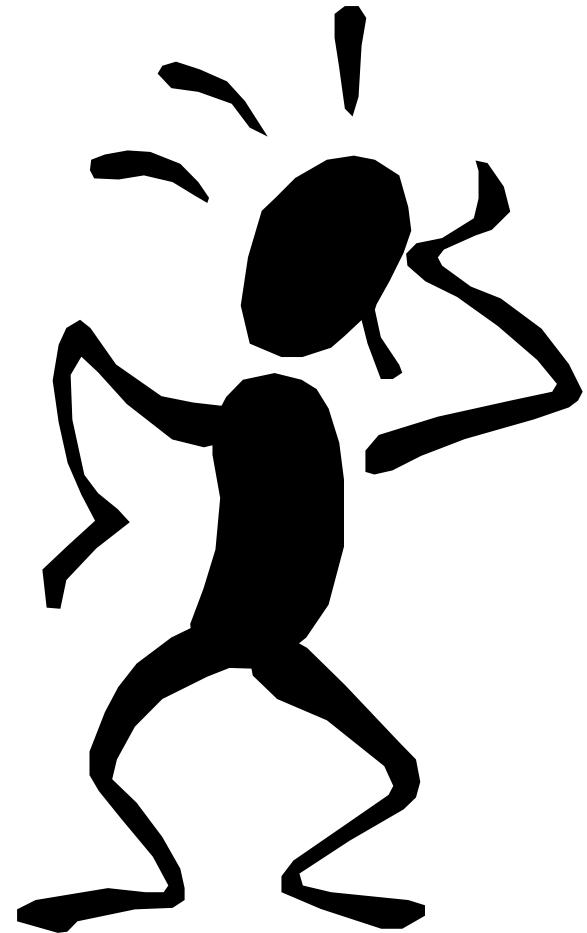
Common Mistakes on Certificates

- Wrong form
- Test results/vaccination records missing
- Test results not recorded correctly
- Questionable accreditation status
- Missing certification statements
- Incomplete certificate



Common Mistakes on Certificates

- User fee not included
- Signature missing
- Outdated information
- Improper ID of animal
- Improper test performed
- No import permit



DO NOT . . .

- DO NOT issue pre-signed certificates
- DO NOT issue certificates without examinations
- DO NOT split blood samples
- DO NOT ship animals with pending test results

These are illegal actions.
Is risking your license, accreditation,
and reputation really worth it?

10 POINTERS FOR A SUCCESSFUL LIVE ANIMAL EXPORT (PETS)

1) LOOK UP REQUIREMENTS ON THE APHIS WEBSITE

www.aphis.usda.gov Go to “Animal Health” and follow the export links in the right-hand column. Follow all the pertinent links on all the pages. If you are looking up requirements for an EU country look under EU and also under the specific country. We can send you a guide for EU.

2) IF NO REQUIREMENTS ARE LISTED, CONTACT THE CONSULATE. IF YOUR CLIENT HAS CONTACTS IN THE DESTINATION COUNTRY, THEY MAY BE ABLE TO OBTAIN REQUIREMENTS (to contact consulate Google eg Liberian consulate USA)

3) IF THE CONSULATE IS NO HELP AND THERE IS NO OTHER SOURCE of information, you could issue a 7001 certificate with rabies vaccination. You could include other vaccinations and ecto/endoparasite treatments. If the owner wants us to endorse, we'll have them sign a “ship-at-your-own-risk” statement.

- 4) IF YOU HAVE A SET OF REQUIREMENTS BUT HAVE SPECIFIC QUESTIONS PLEASE CONTACT OUR OFFICE
- 5) OUR OFFICE DOES NOT KNOW REQUIREMENTS THAT ARE NOT POSTED ON OUR WEBSITE
- 6) ISSUE THE HC AFTER REQUIREMENTS AND EXAM HAVE BEEN FULFILLED. If rabies vaccination is listed on the cert, the original rabies vaccination certificate must accompany the health certificate to our office
- 7) *EU – special considerations: Microchipping MUST be done before rabies vaccination. Rabies vaccination must be made at least 21 days before issuing the health certificate and be current. Any rabies vaccination made before microchipping is considered invalid for export to the EU. No ship-at-risk statements will be used for pet exports to the EU. More info on new EU requirements and certs on our site. We can also email an EU guide.*
- 8) IF THE CERT IS TO BE HAND-CARRIED TO US, PLEASE MAKE AN APPOINTMENT

9) IF THE CERT IS TO MAILED, WE RECOMMEND A CARRIER THAT USES A TRACKING NUMBER. IF RETURNED THE SAME WAY, SEND US A PRE- PAID LABEL. YOU WILL RECEIVE A COPY OF THE ENDORSED CERT.

10) YOU MAY USE ELECTRONIC VERSION OF APHIS 7001 when the 7001 fulfills certification requirements. FILLABLE! Best to PRINT IN COLOR DUE TO ORANGE SEAL. A very few countries have rejected a black/white version. Send us only one original. FIND IT HERE:

<http://www.aphis.usda.gov/library/forms/>

Jane E. Mussey, DVM, Veterinary Medical Officer

Import/Export Officer

USDA, APHIS, Veterinary Services

1111 Deming Way, Suite 100, Madison, WI 53717

Phone: 608 -662-0609; Export fax: 608-662-0602

http://www.aphis.usda.gov/animal_health/area_offices/states/wisconsin_info.html

Sample Health Certificates

Sample International Health Certificates:

- APHIS Form 7001
- VS Form 17-140
- VS Form 17-145
- VS Form 10-11
- VS Form 17-6



U.S. DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE UNITED STATES INTERSTATE AND INTERNATIONAL CERTIFICATE OF HEALTH EXAMINATION FOR SMALL ANIMALS	WARNING: Anyone who makes a false, fictitious, or fraudulent statement on this document, or uses such document knowing it to be false, fictitious or fraudulent may be subject to a fine of not more than \$10,000 or imprisonment of not more than 5 years or both (18 U.S.C 1001).	1. TYPE OF ANIMAL SHIPPED <input type="checkbox"/> Dog <input type="checkbox"/> Cat <input type="checkbox"/> Other <input type="checkbox"/> Nonhuman Primate	CERTIFICATE NUMBER 0009986
		2. TOTAL NUMBER OF ANIMALS	PAGE

3. NAME, ADDRESS AND TELEPHONE NUMBER OF OWNER/CONSIGNOR

Owner name and address

USDA License/or Registration No. if applicable

Telephone:

4. NAME, ADDRESS AND TELEPHONE NUMBER OF CONSIGNEE

name and address in destination country

USDA License/or Registration No. if applicable

Telephone:

5. ANIMAL IDENTIFICATION (To be completed by owner/consignor)

6. VACCINATION HISTORY (To be completed by veterinarian)

attach original signature
rabies certificate here

COMPLETE USDA TAG COLLAR AND/OR TATTOO NUMBER	BREED - COMMON OR SCIENTIFIC NAME	AGE	SEX	COLOR OR DISTINCTIVE MARKS	RABIES		D-H-L		OTHER VACCINATIONS, TESTS OR TREATMENT	
					<input type="checkbox"/> Killed Virus Date	<input type="checkbox"/> Live Virus Product	Date	Product	Date	Type/Result
(1) Complete identification of animals and description										provide vaccination dates and remember to
(2)										enclose rabies vaccination certificate
(3)										
(4)										
(5) Place Certification statements here:										Place different species on
(6) Do not use this form for countries in the European Union,										separate forms
(7) Australia, New Zealand and South Africa. Check with your local										
(8) Area Office for updates.										
(9)										
(10)										

"X" applicable statements

VETERINARY CERTIFICATION: I certify that the animal (s) described in item 5 have been examined by me this date, that the information provided in item 6 is true and accurate to the best of my knowledge, and that the following findings have been made "X" applicable statements.

☐ OWNER/CONSIGNOR CERTIFICATION: I certify that the information concerning the animals described above in item 5 is true and correct, and that I am the owner/consignor of such described animals and that I have physical and legal custody of such animal (s).

☐ I certify that the animal (s) described and on continuation sheet(s) if applicable, have been inspected by me this date and appear to be free of any infectious or contagious diseases and to the best of my knowledge, exposure there to, which would endanger the animal or other animals or would endanger public health.

☐ I hereby certify that the animal(s) in this shipment is (are), to the best of my knowledge acclimated to air temperatures lower than 7.2° c, (45° f).

☐ I certify that the animal (s) described above, and on continuation sheet(s) if applicable, have been inspected by me this date and appear to be free of physical abnormalities which would endanger the animal.

☐ To my knowledge the animal (s) described above, and on continuation sheet(s) if applicable, originated from an area not quarantined for rabies and have not been exposed to rabies.

SIGNATURE

DATE

ENDORSEMENT FOR INTERNATIONAL EXPORT (WARNING: International Shipments require certification by an accredited veterinarian. States may also require such certification).

Apply USDA Seal or Stamp here

NAME, ADDRESS AND TELEPHONE NUMBER

Place your name and clinic
address here

Telephone:

LICENSE NO.

license

Accredited ☐ Yes ☐ No

LICENSING STATE

SIGNATURE OF USDA VETERINARIAN

leave blank for federal vet

DATE

SIGNATURE

your signature

DATE

date issued

VS Form 17-140

This certificate is authorized by law (21 USC 112) while you are not required to respond, no health certificate can be validated unless the data requested is provided FORM APPROVED: OMB NO. 40-R3438

U. S. DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE VETERINARY SERVICES UNITED STATES ORIGIN HEALTH CERTIFICATE (This Document does not replace Certificate of Inspection of Export Animals, VS Form 17-37).			RCS # 34 - VS - 43	1. CONSIGNOR'S NAME (Last name, first name, middle initial or business name) Doe, John	2. CERTIFICATE NO. 1077186	3. PAGE NO. 1 OF 2
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4. DATE ISSUED 3/10/03	5. U.S. PORT OF EMBARKATION (City & State) Niagara NY	6. STATE CODE	7. CONSIGNOR'S STREET ADDRESS (Mailing address) 1234 N. Farm Mill Road	8. CONSIGNOR'S CITY (or Town) Harrisburg	
9. SEMEN (Check if Yes) <input type="checkbox"/>	10. NO. DOSES OF SEMEN	11. TRANSPORTATION CLASS 1 - Rail 2 - Truck 3 - Air 4 - Ocean 2	12. CONSIGNOR'S STATE Pennsylvania	13. STATE CODE PA	14. ZIP CODE 17001
16. CONSIGNEE'S NAME AND STREET ADDRESS (Mailing address) John Smith 1 Halifax Dr., Nova Scotia Canada 07Y-123			DESTINATION COUNTRY Canada		ENTER CODE CA

15. SPECIES (Check one - use VS form 17-6 for Poultry) <input checked="" type="checkbox"/> 01 BOVINE <input type="checkbox"/> 02 PORCINE <input type="checkbox"/> 03 OVINE <input type="checkbox"/> 04 CAPRINE <input type="checkbox"/> 05 EQUINE <input type="checkbox"/> 08 OTHER WILDLIFE - MAMMAL <input type="checkbox"/> 09 OTHER (Specify)	NEGATIVE TUBERCULIN READING 48 HRS. <input type="checkbox"/> 72 HRS. <input checked="" type="checkbox"/>	BRUCELLOSIS BLOOD SAMPLE COLLECTED	NEGATIVE RESULTS OF OTHER TESTS		
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If more lines needed below - use VS Form 17-140A.		MODIFIED ACCREDITED AREA (TB)													CERTIFIED BRUCELLOSIS FREE AREA			DISEASE			DISEASE			DISEASE		
17. FARM ORIGIN		18. INDIVIDUAL IDENTIFICATION (Instructions for columns A, B, C & D on reverse)																TYPE TEST			TYPE TEST			TYPE TEST		
Owner's name (Last name, two initials, or business name) Owner's street address Owner's city/town, state code (FIPS code on reverse) & zip code		ID NO. OR DESCRIPTION A	AGE B	SEX C	BREED D	✓ E	DATE F	✓ G	DATE H	VAC. I	1/25 J	1/50 K	1/100 L	DATE M	DATE N	DATE O										
		23EAT0021	2 YRS	F	HOL		3/10/0	x	3/01/03	X		N		3/01/03	3/01/03											
additional i.d.		R.E. USA					show date TB was read							show dates that blood samples were drawn												
John Doe 1234 N. Farm Mill Road Harrisburg, PA 17001		23EAT0022	2 YRS	F	HOL		3/10/0		3/01/03	X		N		3/01/03	3/01/03											
		23EAT0023	2 YRS	F	HOL		3/10/0		3/01/03	X		N		3/01/03	3/01/03											
All animal listed on this health certificate have the letters "USA" tattooed in the right ear																										

VALID ONLY IF USDA VETERINARY SEAL APPEARS HERE		CERTIFICATION BY ISSUING VETERINARIAN This is to certify that the animals identified above were inspected by me on this date and found to be free from evidence of communicable disease and insofar as can be determined exposure thereto; the premises of origin are not under Federal or State quarantine because of animal disease; the animals were all negative to the tests shown on the dates indicated. Arrangements have been made for the animals to be handled in a transporting vehicle that has been cleaned and disinfected since last used for livestock and for movement to the port of embarkation without exposure to other animals en route, except those meeting these health requirements. The shipment must be accompanied to the port of export with this certificate.																						
23. Signature of endorsing federal veterinarian		19. DATE ENDORSED		20. NAME OF ISSUING VETERINARIAN (Last name, first name, middle initial - please print) PRINTED NAME OF ISSUING VET										21. STATUS <input type="checkbox"/> 1 State <input checked="" type="checkbox"/> 2 Federal <input checked="" type="checkbox"/> 3 Accredited			22. TOTAL NO. ANIMALS (Certified for export or donated semen) (Include No. from all attached VS Forms 17-140A). NUMBER OF ANIMALS							
		24. NAME OF ENDORSING FEDERAL VET. (Type, print or stamp)				25. SIGNATURE OF ISSUING VETERINARIAN YOUR SIGNATURE HERE																		

VS Form 17-145

U.S. ORIGIN HEALTH CERTIFICATE FOR THE EXPORT OF HORSES FROM THE UNITED STATES TO CANADA				
<input type="checkbox"/> PERMANENT EXPORT		<input type="checkbox"/> TEMPORARY EXPORT ("NOTE BELOW")		FORM APPROVED OMS NO. 0579-0032
NAME AND ADDRESS OF CONSIGNOR		NAME AND ADDRESS OF PLACE OF ORIGIN		NAME AND ADDRESS OF CONSIGNEE
name and address owner in Pennsylvania		address of current location		name and address of destination in Canada
CERTIFICATION STATEMENTS				
1. The animal identified below was inspected within 30 days prior to export and found to be healthy and free from evidence of communicable diseases and exposure thereto;				
2. The animal has resided in the United States or Canada since birth;				
3. The animal has met all of the import requirements of the United States and has resided in the United States for the past 60 days;				
4. The animal was authorized for importation by the Animal Health Division, Agriculture Canada (required for horses from countries other than Canada that have resided in the United States less than 60 days);				
5. The animal was tested negative for equine infectious anemia using the agar gel immunodiffusion (Coggins) test at:				
name of approved lab		Date blood sample drawn		Sample Drawn by me or (Enter name of accredited veterinarian) State
Laboratory Accession No.		HEALTH CERTIFICATE NUMBER		
Issuing Veterinarian		Endorsing Federal Veterinarian		
Signature		Signature and Seal		
Name (Type or Print)		Name		Date
Date		Date		
Health Certificate valid for 30 days from the date of issuance (note below)		Valid only if the USDA Veterinary Seal appears over the signature of the endorsing Federal Veterinarian and health certificate number		
White Markings and Whorls Must be Shown!				
Please ensure that diagram and written description agree				
Name		Breed	Age	Color
Sex		Written Description:		
AD stripe		LBBS		
DY		sock		
QUIRED MARKS (scars, tattoos, etc.)		LH RH		
Instructions: Mark the diagram with the exact position of any distinguishing marks, scars or brands. Brands to be drawn in position. Scars to be marked and located with an arrow (→). Stars or blazes on the face and any other markings to be drawn in on the diagrams showing position and shape as accurately as possible. Whorls should be marked with a cross (X). If no markings - this fact should be stated.				
NOTE: The original copy of the health certificate must remain with the horse if the horse is being temporarily exported. Any variance by Customs, such as a stamp, must be affixed on the reverse side of the original health certificate.				
NOTE: The date of issuance must be the date of veterinary inspection.				
Exporter must furnish four (4) copies for USDA endorsement. The original and two (2) copies accompany the shipment, the fourth copy is for the AVIC's office.				
FORM 17-145 (MAY 2000)				

VS Form 10-11 EIA Test

See instructions for more OMB information. FORM APPROVED - OMB NUMBER 5575 - 0127

U.S. DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE EQUINE INFECTIOUS ANEMIA LABORATORY TEST (VS Memorandum 555.8)		SERIAL NO. B	1. ACCESSION NUMBER	2. DATE BLOOD DRAWN
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Forms Without Adequate Descriptions Of The Horse and Complete Addresses Including Zip Codes, Counties, and Telephone Numbers Will Not Be Processed.

3. REASON FOR TESTING <input type="checkbox"/> Show <input type="checkbox"/> First Test <input type="checkbox"/> Market <input type="checkbox"/> Change of Ownership <input type="checkbox"/> Export		7. NAME AND ADDRESS OR STABLE/MARKET (Please print or type)		
4. GEOGRAPHIC INFORMATION (VS Form 555.8) (44-11111)		5. TEST TYPE <input type="checkbox"/> AGID <input type="checkbox"/> ELISA		
6. NAME AND ADDRESS OF OWNER (Please print or type)		8. NAME AND ADDRESS OF VETERINARIAN (Please print or type)		
Tel No. _____ Zip Code _____ County _____		Tel No. _____ Zip Code _____ County _____		

CERTIFICATION OF FEDERALLY ACCREDITED VETERINARIAN
 I certify the specimen submitted with this form was drawn by me from the horse described above on the date indicated.

10. SIGNATURE OF FEDERALLY ACCREDITED VETERINARIAN	11. TYPE OR PRINT NAME	12. SIGNATURE DATE
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CERTIFICATION OF OWNER OR OWNER'S AGENT
 I certify that I have examined this form and, to the best of my knowledge and belief, this form is correct and complete.

13. SIGNATURE OF OWNER OR OWNER'S AGENT	14. TYPE OR PRINT NAME	15. SIGNATURE DATE
---	------------------------	--------------------

16. Tube No.	17. Official Tag No.	18. Tattoo/Brand	19. Name of Horse	20. Color	21. Breed	22. Electronic I.C. No.	23. Age or DOB	24. Sex	25. M - Male F - Female G - Gelding N - Neuter
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SHOW ALL SIGNIFICANT MARKINGS, WHORLS, BRANDS, AND SCARS

1 - Coronet, 2 - Pastern, 3 - Pastock, 4 - Knee, 5 - Hock

NARRATIVE DESCRIPTION AND REMARKS 26. HEAD 27. LEFT FORELIMB 28. LEFT HINDLIMB		29. OTHER MARKS AND BRANDS 30. RIGHT FORELIMB 31. RIGHT HINDLIMB	
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FOR LABORATORY USE ONLY			
32. LABORATORY NAME/CITY/STATE	33. DATE RECEIVED	34. DATE REPORTED (Y/M)	35. TEST RESULTS <input type="checkbox"/> Negative <input type="checkbox"/> Positive <input type="checkbox"/> ACID <input type="checkbox"/> ELISA
36. SIGNATURE OF TECHNICIAN		37. REMARKS	

Falsification of this form or knowingly using a falsified form is a criminal offense and may result in a fine of not more than \$10,000 or imprisonment for not more than 5 years or both (U.S.C. Section 1001).

VS FORM 10-11 (MAY 2003) (Replaces the VS 10-11 (4-90) and VS 10-11T (10-97), which may be used.)

No. **I** 23850

3. NAME & ADDRESS OF IMPORTER

Name and address in destination country

FIPS COUNTRY CODE (for USDA use only)

OTHER
(Specify)

12. CHECK APPROPRIATE CERTIFICATION BELOW (A OR B)

- ☐ A. **Certificate for Hatching Eggs and Newly Hatched Poultry, which have not been fed or watered.** This is to certify that: (1) the flock or flocks and the hatchery or hatcheries from which the above-described hatching eggs or newly hatched poultry originated were inspected by me within 30 days prior to shipment of above hatching eggs or setting of eggs for above shipment of day old chicks and found free from evidence of communicable diseases and insofar as can be determined have not been exposed to Newcastle disease, fowl plague, fowl typhoid, ornithosis and pullorum disease; (2) during the usual routine inspection of the flock or flocks there was no visible evidence of communicable diseases observed on the inspection dates listed in item 13 below (3) the National Poultry Improvement Plan classification is as indicated in item 9 above, and (4) the prospective exporter has been advised that the hatching eggs must be clean and that the shipment must be made in new containers or clean containers which have been properly cleaned and disinfected.
- ☐ B. **Certificate for Poultry other than Newly Hatched Poultry Specified in Certificate A.** This is to certify that: (1) on this date all poultry shown in item 5 above, including all other poultry maintained in the flock were inspected by me on the premises of origin within the past 30 days and found free from evidence of infectious and contagious diseases and insofar as can be determined have not been exposed to Newcastle disease, fowl plague, fowl typhoid, ornithosis, and pullorum disease; and (2) the prospective exporter has been advised that shipment must be made in new containers or clean containers which have been properly cleaned and disinfected.

13. REMARKS OR ADDITIONAL INFORMATION (if needed)-

Mo	Da	Yr
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ORIGINAL - TO ACCOMPANY SHIPMENT

Import Information

Import Regulated by Several US Agencies

- Public Health: Primates, dogs, cats, turtles
- Fish and Wildlife: Rare/endangered species
- USDA: Livestock, horses, poultry, related species AND any animal

Basic Import Requirements:

- Import Docs, Tests, Treatments, Certificate
- Entry via Designated Port & Quarantine

Section 3

USDA / VS Animal Disease Programs

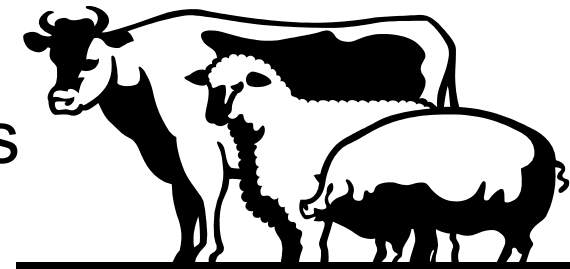
VS Programs

Types of VS Programs you might work on:

- Eradication Programs
- Monitoring & Surveillance Programs
- Control & Certification Programs

Your responsibilities in VS Program work

- Know basic program requirements
- Recognize official animal ID
- Know state/country requirements



Current VS Eradication Programs

- Tuberculosis (Bovines & Cervids)
- Brucellosis (Bovines & Swine)
- Pseudorabies
- Scrapie



Your Role in TB in Cattle

- Cattle: Caudal Fold Test (CFT)
- Inspect injection site in 72 hrs
 - What is a response?
 - Injecting veterinarian must read
- Immediately report any response
 - CCT within 10 days of CFT
 - Must wait 60 days to retest
 - Expect 1-5% false positives
- Training/Practice with CFT



Your Role w/TB in Cervidae/Other

- Captive Cervidae include:
 - Whitetail, Mule, Fallow, Elk, Reindeer
- Single Cervical Test (SCT)
 - Only Designated AV can administer
 - Wait 90 days to retest
- Becoming Designated AV
- Goats, swine, other species



TB Testing Tips

- Obtaining tuberculin and report forms
- Don't expose to light, air, temp extremes
 - Tuberculin loses potency
 - Do not store in syringe
 - Discard partially filled vials
- No meat/milk restrictions
- Don't test sick cattle
- Don't treat while testing



Cattle Brucellosis

- A Zoonotic disease
- Program status
 - Class A means:
 - <.25% infection rate
 - > 95% cases “successfully closed”
 - Class Free: 50 States, PR, VI (Sept 09)
 - Greater Yellowstone Area



Your Role in Cattle Brucellosis

- Vaccination, ear tagging, tattooing
- Testing
- Reporting



Your Role in Swine Brucellosis

- All free except Texas
- Feral swine impact total eradication
 - >4 million feral swine
 - Known herds in 39 states
- Your responsibility
 - Certificates
 - Permits
 - Sample collection



Pseudorabies

- Pseudorabies: What is it?
- How it is spread?
- VS approach to pseudorabies
 - Surveillance in domestic swine
 - Disease control, including depopulation, to prevent spread
 - Education



Your Role in Pseudorabies

- Status in U.S.: All states in Free status
- Your responsibility
 - Certificates
 - Permits
- Feral swine effect
 - Serological evidence
 - All considered positive
 - Depopulation approach



Your Role in Scrapie Program

Educate clients:

- To recognize clinical suspects
- To use official ID
1-866-USDA-TAG
- To practice prevention strategies by:
 - Using genetic resistance in sheep
 - Maintaining closed ewe flocks
 - Enrolling in SFCP



Report all scrapie suspects!

Your Role in Scrapie Program

- Collect & submit samples to USDA-approved lab
 - Live animals: Federal/State vet, usually
 - Dead animals: Accredited vet
 - brainstem, lymph nodes, tonsil
 - Submission forms and instructions
- Conduct genetic testing

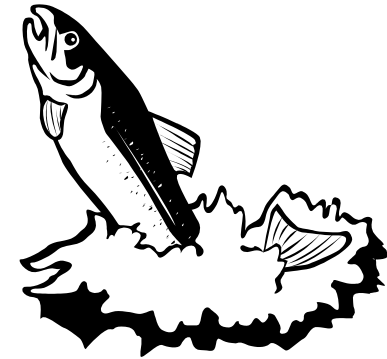


Surveillance Activities

Eradication programs include surveillance efforts

Additional surveillance activities (examples):

- Infectious Salmon Anemia
- Screwworm
- Cattle Tick Fever
- Classical Swine Fever
- CWD



Goals of surveillance:

Surveillance Programs and You

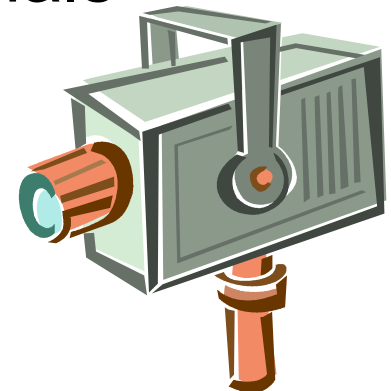
Your role:

- Recognize & report disease

Example: Screwworm

Your use of surveillance data:

- Fact sheets & client education materials
- Presentations
- Personal interest



Certification Programs

What are Certification Programs?

Diseases with Certification Programs

- Scrapie and Johne's: existing programs
- CEM, CWD, Swine Health/Trichinae, & Aquaculture: pending programs

What to do if you are interested?

- Get certification training
- Check with your state



Other Types of Activities

Accredited Veterinarians also can assist with:

- Emerging Diseases & Issues
- State Programs
- National Poultry Improvement Plan



Section 4

Animal Identification and Laboratory Support For Movement and Disease Diagnosis

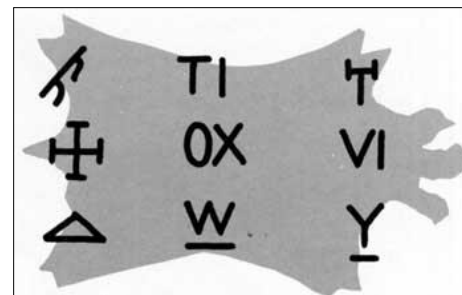
Traceability

Official ID Devices and Methods:

- Eartags
 - National Uniform Ear-tagging System (NUES)
 - Animal Identification Number (AIN)
 - Location-based number
- Back tags & Brands
- Breed association ID
- Group/Lot ID



Many other ID systems



Accountable Property

Health Certificates, Tags, Bands, etc.

PREVENT . . .

Misuse of official
biologics, certificates,
tags, etc.



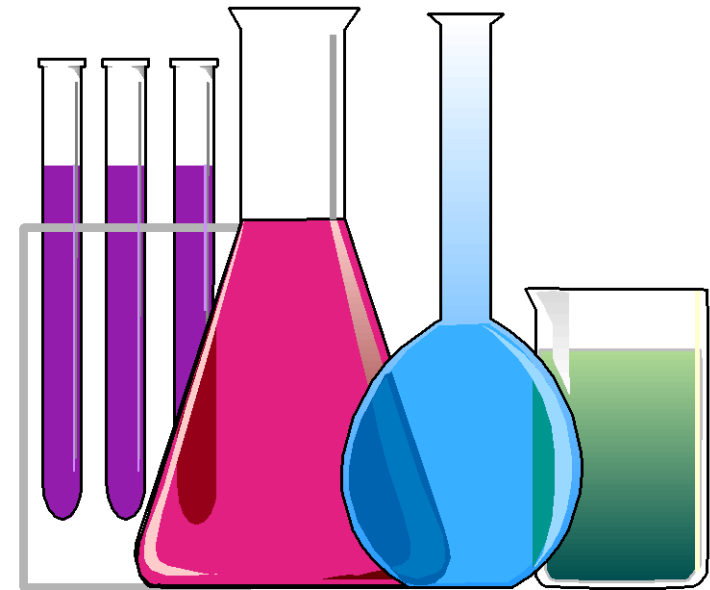
Where should I send the sample?

Usually:

- State Diagnostic Laboratories
- Commercial Laboratories

Occasionally:

- National Veterinary Services Laboratories (NVSL)



Obligations for Sample Submission

You are responsible for proper collection, preparation, packaging, and shipment of specimens.

Each sample should:

- Be properly identified
- Include completed lab submission forms
- Follow postal regulations or approved shipper regulations

Guidelines for Submitting Samples

Select a method of packing and shipping

- Contact lab for specimen guidelines
- Various shipping methods

Be aware of timing

- To coincide with planned movement
- To protect samples
- Avoid weekends and holidays

Identification and labeling

- Shippers **must** follow regulations

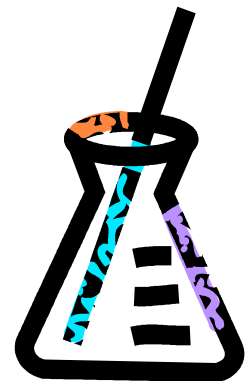
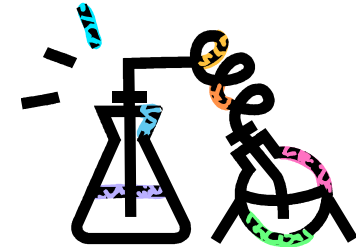
Guidelines for Submitting Samples

- Fill out form accurately and completely
- Properly identify each sampled animal
- Check on payment method
- Check before making shipment
- Call lab with questions



Laboratory Submissions to NVSL

- Check with VS Area Office
- Visit NVSL website
- Use VS 10-4 Specimen Submission Form
- Package correctly and ship to NVSL
- Pay user fee
- Questions? Call NVSL 515-663-7530



Section 5

Foreign Animal Diseases (FADs)

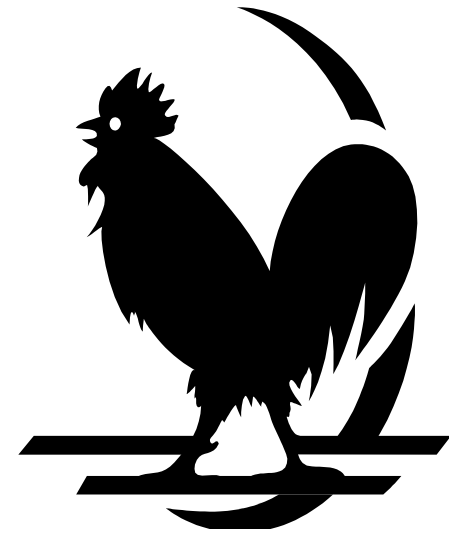
Reportable Diseases

What should you report?

- Diseases on Federal list

Whom should you notify?

- VS Area Office
- State Animal Health Official



FADs and transboundary diseases

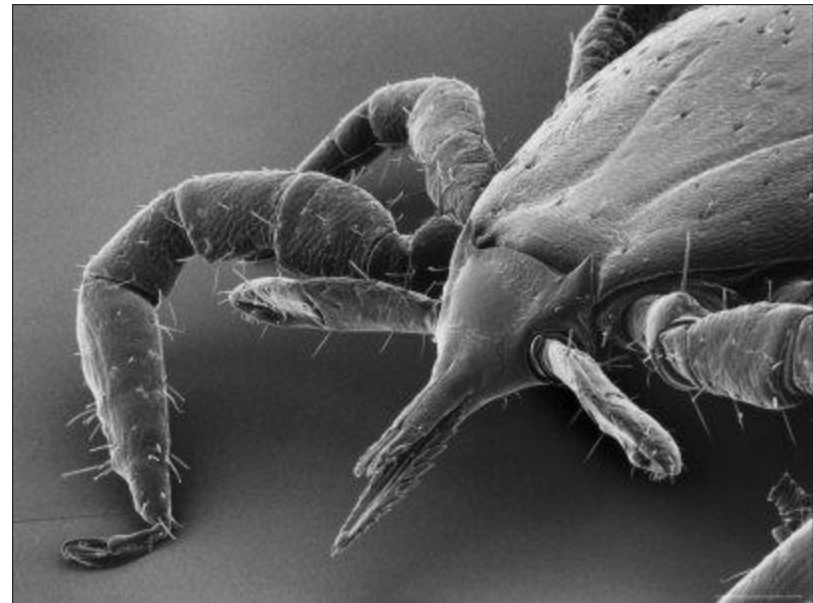
When to Be Suspicious of FAD

What are the characteristics of an FAD?



When to Look for an FAD?

- History of foreign travel, visitors, mail, gifts
- Importation of animals, embryos, semen
- Unusual/unexplained illness or symptoms
- CNS diseases
- Mucosal diseases
- Larvae in wounds
- Unusual ticks, mites, etc.



And if FAD is Not Reported?

If you don't
RECOGNIZE and
REPORT these
 clinical signs and
 symptoms, colossal
 devastation to US
 Animal Agriculture
 can result in this . . .



And This . . .



If you suspect an FAD, CALL!

DON'T ignore it and hope it goes away!



CALL!!
USDA / VS Area Office
EM 24/7: 1-800-940-6524

When You Call . . .

You suspect an FAD and call . . .
the USDA Area Office and
State Animal Health Office

What information should you provide?



What Happens Next?

- Foreign Animal Disease Diagnostician (FADD) is assigned
- FADD investigates, places quarantine, collects and ships samples
- Diagnosis usually within 3 days
- FADD contacts owner and veterinarian with results

FADs Eradicated from U.S.

- 1892: CBPP
- 1929: FMD
- 1929: Fowl Plague
- 1934: Glanders
- 1942: Dourine
- 1943: Texas Cattle Fever
- 1959: Swine VE
- 1959: Screwworm (SE US)
- 1966: Screwworm (SW US)
- 1971: VEE
- 1973: Sheep Scabies
- 1974, 1998, 2003: Exotic Newcastle Disease
- 1978: Classical Swine Fever
- 1985 & 2002: Highly Path Avian Influenza



Nat'l AH Emergency Corps

National Animal Health Emergency Corps

- Role for Private Practitioners & AHTs

USDA emergency response work:

- Animal health emergencies
- All-hazard emergencies
- Collaboration

Section 6

Disease Case Scenarios

Case History #1

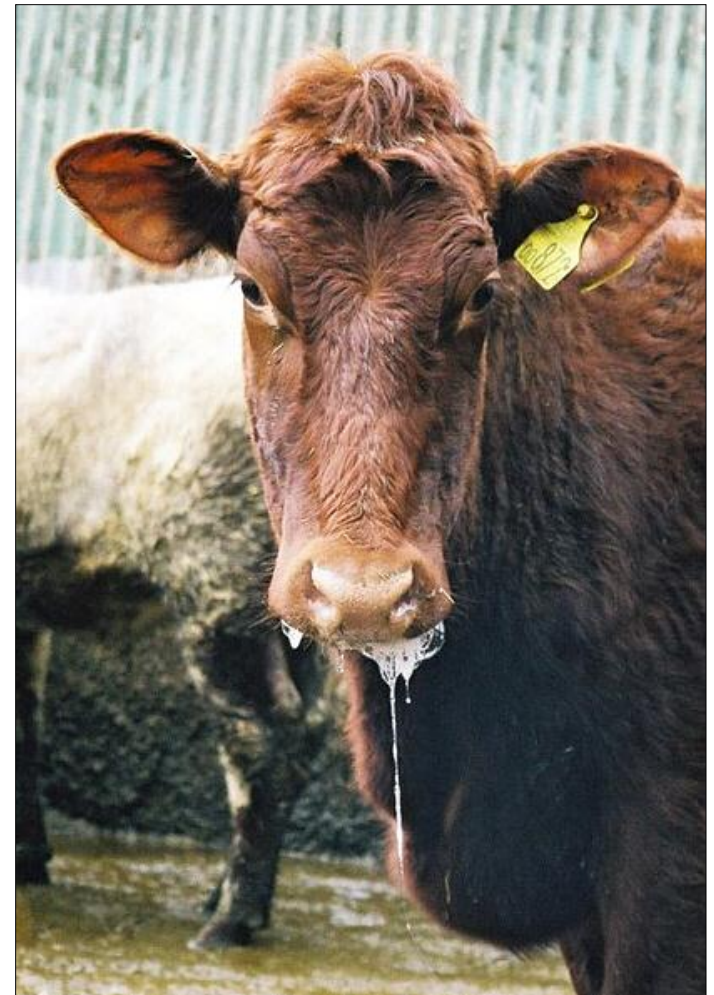
A dairyman calls to report:

- A sudden drop in milk production
- Several cows drooling profusely
- Many affected cows have fevers

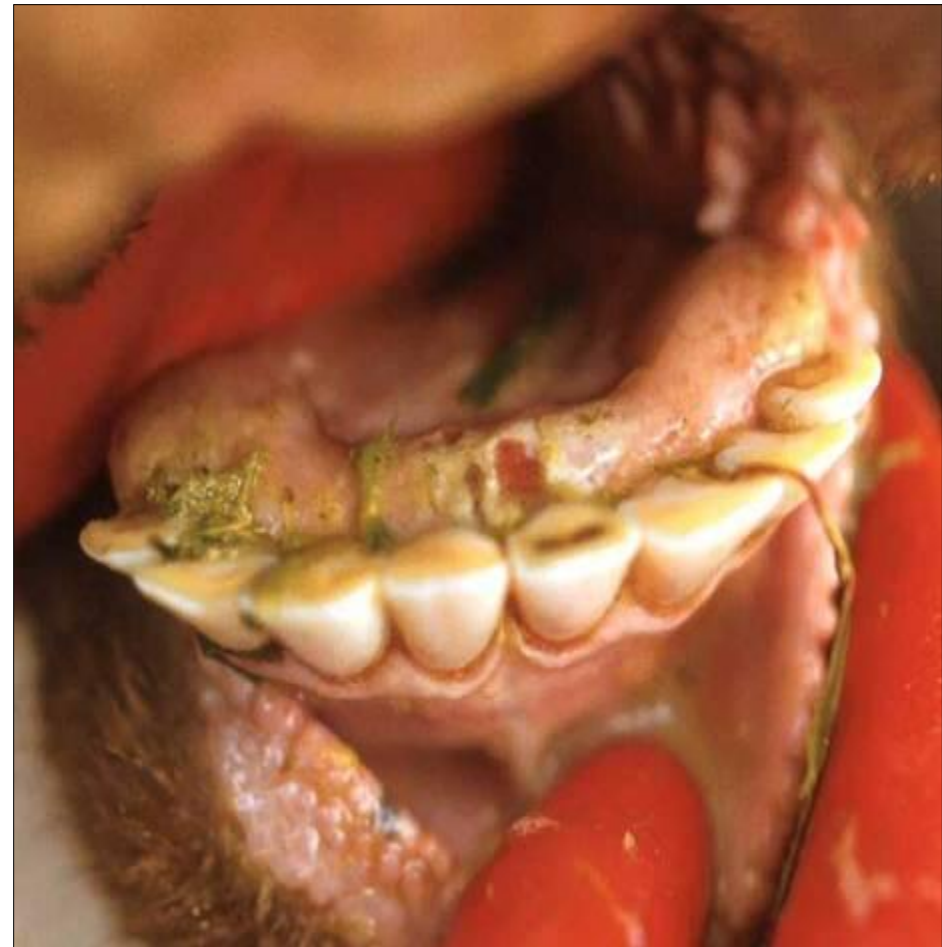
Your exam reveals . . .



Case #1 Lesions



Case #1 Lesions



Case #1 Lesions



Case #1 Lesions

- Further evaluation reveals some lame COWS . . .



Case #1 Differential Diagnoses

- Infectious Bovine Rhinotracheitis (IBR)
- Bovine Viral Diarrhea (BVD)
- Bovine Papular Stomatitis
- Chemical Irritant
- Vesicular Stomatitis
- Foot-and-Mouth Disease (FMD)
- Malignant Catarrhal Fever (MCF)
- Rinderpest

Cost of FMD in the UK

- 2,030 farms infected
- 9,677 depopulated
- 6.5-10 million animals slaughtered
- £8 billion (\$12.2 B)



Case #2 History

- Owner presents a 9 year-old Greyhound with an infected prepuce
- The family was recently transferred to CA from Panama



Case #2 Lesions

- On physical exam you see inflammation of the prepuce
- Closer examination of prepuce reveals . . .



Case #2 Differential Diagnosis

Screwworm Myiasis
Blowfly Myiasis



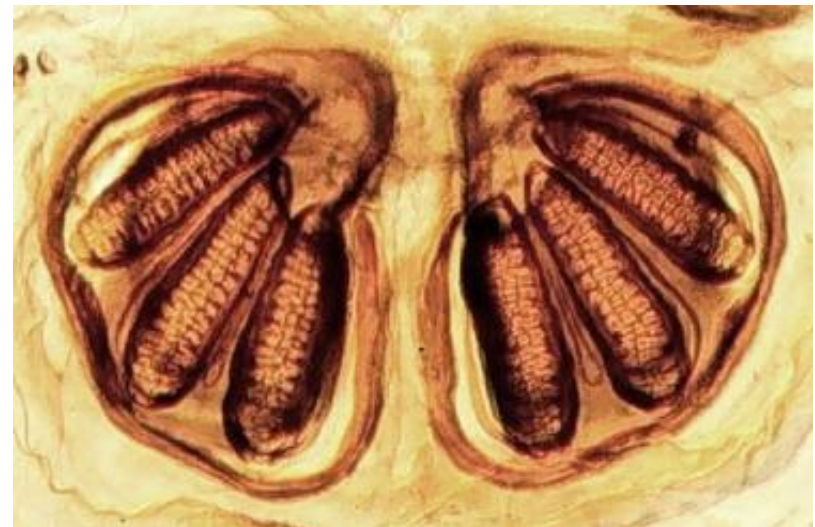
New World Screwworm in US

- 1998 Alabama
 - Ecotourist to Brazil
 - Sores on his scalp
- 2000 Florida
 - Cat from Guantonomo Bay, Cuba
 - Abscess - 1 larva
 - Called NVSL
 - Treated with Ivermectin in Cuba



New World Screwworm in US

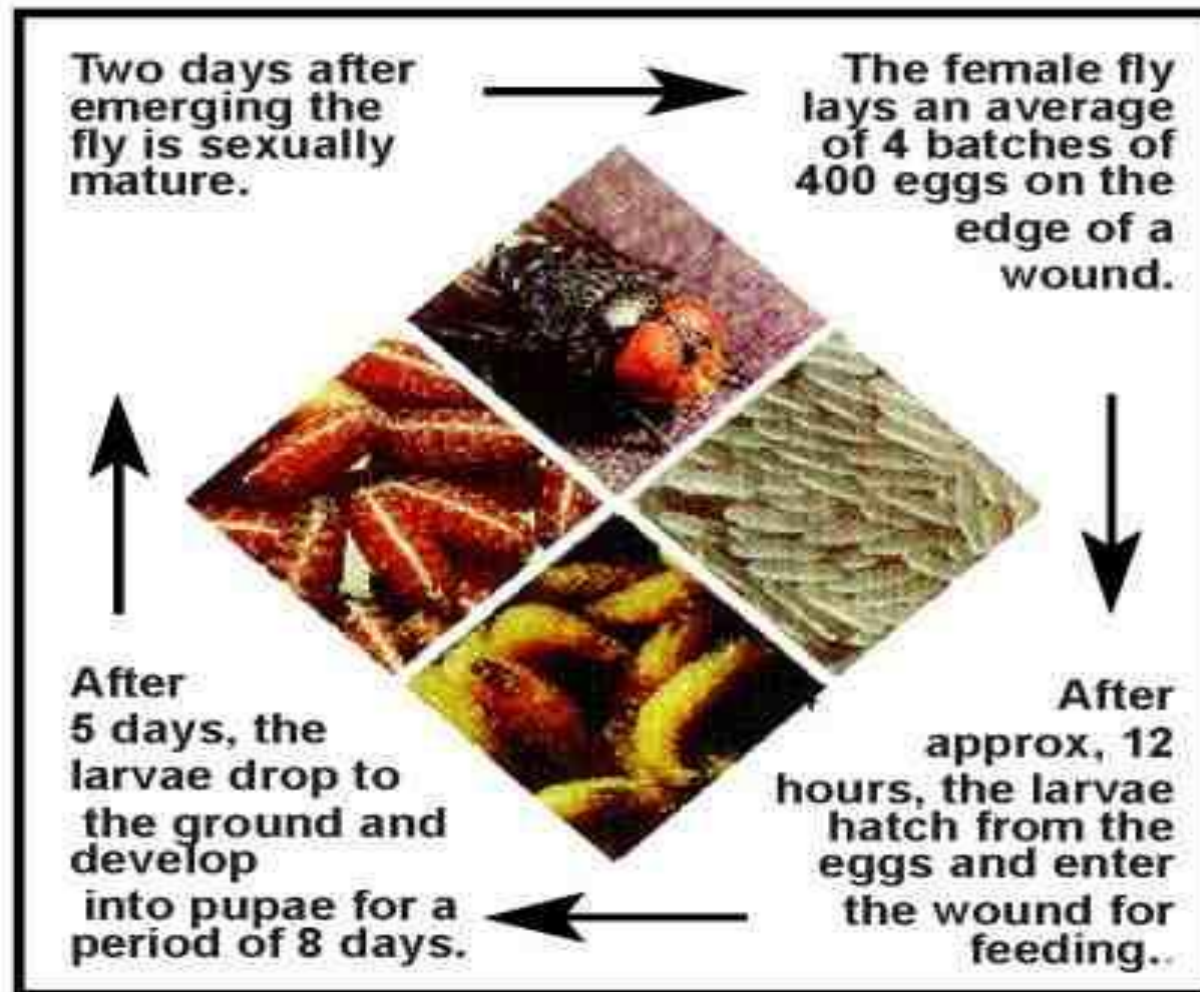
- 2000 Florida
 - Gelding imported from South America
 - Preputial discharge - 50 to 100 larvae
 - Called APHIS Office, sent FADD
- 2007 Florida-Miss
 - Dog from Trinidad
 - Larvae behind eyes
 - Dog lived



Screwworm Eggs



Screwworm Life Cycle



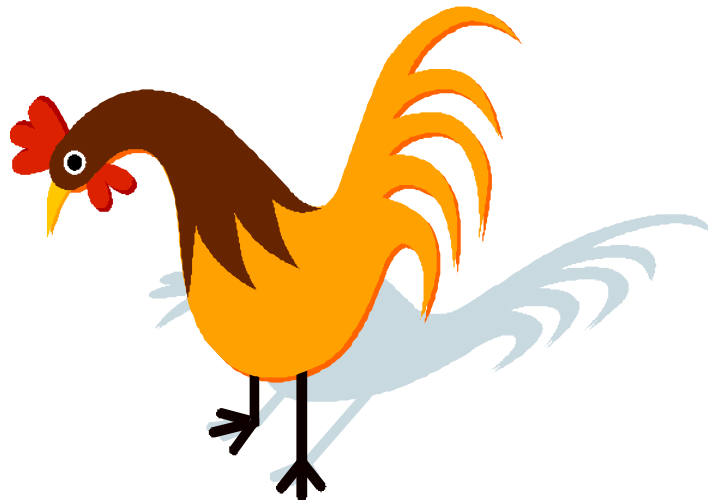
New World Screwworm in US

- 1930s cost to livestock industry was \$400 million per year
- Losses today would be \$750 million



Case #3

- A client brings a chicken to your rural small animal practice



- He believes his bird caught something from a neighboring flock

Case #3 History

- Bird has been sick for 2 days
- 2 other birds died last week
- Owner has 52 birds
- 6 - 8 other birds may be sick
 - Stopped laying
 - Stopped eating
 - Weak & off balance



Case #3

- Being the only vet in the area, you pay a visit to his home to look at his birds . . .



Case #3 Lesions

You look at a few birds and see . . .



Case #3 What do you do?

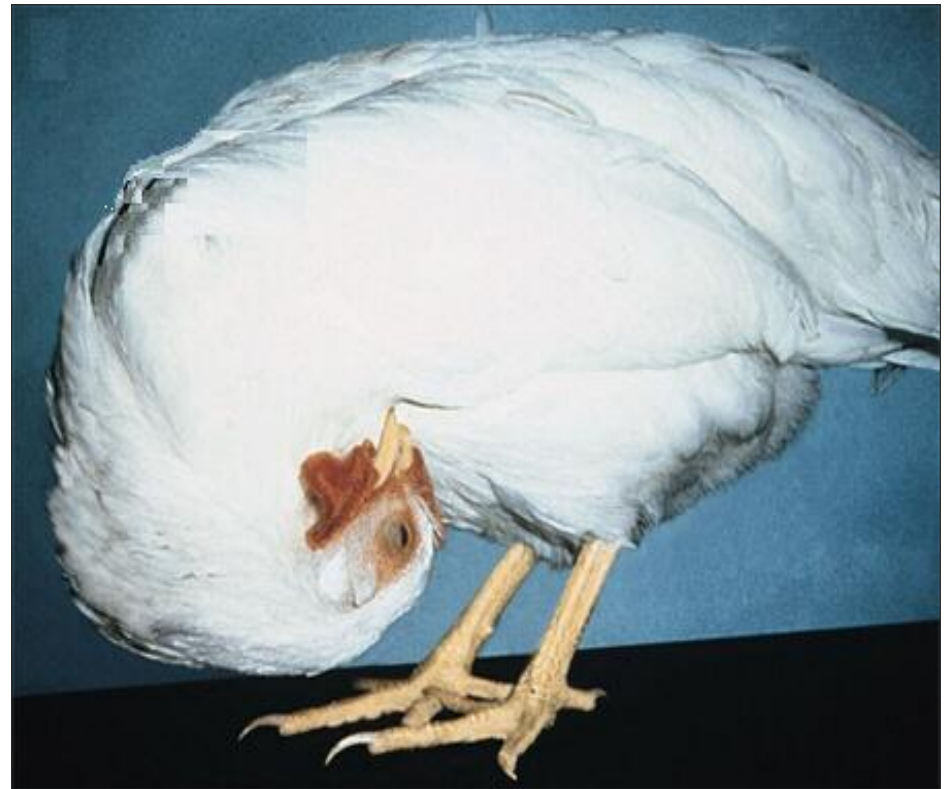
- Wish you stayed awake during the poultry lectures in vet school
- Call your local Area Office
- Submit some birds to your State or USDA Lab for diagnostic testing



Case #3

You're not sure what is wrong, but it looks bad,
so . . .

- You call your local State or Federal Office
- They dispatch an FADD



Case #3 Lesions

The FADD necropsies sick birds and finds . . .



Case #3 Differential Diagnosis

- Laryngotracheitis (LT)
- Fowl Cholera (Pasteurellosis)
- Fowl Pox
- Avian Influenza (AI)
- Exotic Newcastle Disease (END)



Exotic Newcastle Disease 2002-2003

- Backyard flocks & commercial
- CA, NV, AZ, TX
- 18,435 premises quarantined
- 921 premises depopulated
- 4 million birds euthanatized
- \$165 million cost to USDA
- Additional \$165 million for industry
- Trade embargos on poultry, eggs, birds



Don't ignore your concerns!



CALL!!
AVIC Office
State Vet's Office



**Don't get an outbreak
 named after you!**

SUMMARY

As an Accredited Veterinarian, you:

- Facilitate interstate and international animal movements
- Provide early detection for FADs
- Help control program diseases

Act with professional integrity

Take your accreditation seriously

SUMMARY

We're here to help you!

When in doubt, call your local Area Office.

Question: What do you see in the picture?

Hint: It's not alive.

